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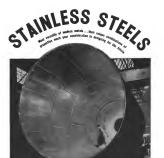
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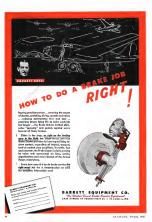
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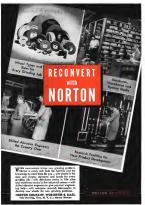
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their applications.

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problems with which such a Conference might deal, The irreconculable disputes.

Sattlement of Westlers Discuster by the War Labor Board

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effort", resulted in the commenter tota full flotted disthe War Labor Board. One of its water never labor's "no. strice pictor, was premptly withdrawn. It could no sible, and that it would then go out of huriness, leaving

What Shall Take the War Labor Board's Place? Neither reangement per labor wests the continuation

becomery year measure. But it must be along to everyone that if any substitutial properties of the discourse that osts, economic gnerchy will result. Not only will it beimpossible to achieve the high levels of output and some pleasured that have been not as postern made, but it is questionable whether our economy could survive. The stone their shifty to effect a perceable resolution of their

when that fully through voluntary submission to reedintion or arbitration under terms of reference to which the parties egree, Many income, which at plant level are relatively givenle in character, are blown up to formidable dimension and complexity when they are passed along sees by management of the principle of collective bas-

On the management side, there assumere concern about affile control that assures compliance with contractural

Peace or Civil War in Industry

labor to demonstrate that they can responsibly control

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wand local taxiofletion. That well recen the thereach

agencies are called upon to perform, both the appearance

Receiving the Lorses Over Which Discustes Aries

It was he as many fixed, that the furtherence Labor-

But either in this Conference, or in enhancement over

erated in ever-increasing number.

cersed more with the method of pasotiation than with bon the validaty of the collective barranter process as such, but there are many matters to be resolved of which is labor and management groups.

rement work stoppages. All of these metters, and many others, need threshood

portance to national welfare. It is importent over if It restricts its objectives to the procedural problem of how It can make an even larger contribution if it has the

It is to the wital interest of both management and

themselves.

For Glamor, Easy Cash, and Sky-Gadding Stay OUT of This Business TO: ARE A VETTACE of the rooms World Way. Islay to town, of weather conditions, cost of accessation.

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a while If you have selected aviation because it looks like ener money, but forcet the whole thing. There are

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A VALUE HAS ALL the bendiches of any other builbeginners. This experience will be available to you work it will be fatite time to try your gust adeas. Salary year location on the basis of careful stade of the business potential as the community, of access-

crew Or a lose fighter what Or one of the hows expansion, and other normanta factors. Then take who staved on the errorred and below perform the rea, warredgate steas to neovide drougt accomprodutions for craft. Or maybe you were also down early in the war to establish a clean, ettractive, howelike place. Just to your amont by every suitable device you can develop Take part in the social clab, beginess, and even the

relations activities of the community. Your stature in the resonanty will do much to convence its members

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Don't Sell THIS Industry Short

By RATMOND L. HOADLEY, financial father, "Ariston"

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volvednal common's prospects. Pirst. plus grew iron 29,592,122 to \$20,546. A company to lose \$5,000,000 or more

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Not Daugins C-74 Globersates, military version of over specially-built pictures to soring the because DC-7, with term about of Line Seets, Calls, Piter's steer tree, Built and seembly long built. health of 42 ft. 7 is recombelled rething cone when! " under! " buy mys" recorption to give greater ribbo.

TWO NEW DOUGLAS TRANSPORTS SPARK AIR-CARRIER RACE

C-74 Glebemorter is 155.000-lb. 125-trees less-reese cerrier with esiges quick-leading devices . . . And new DC-8 presents uncritedex dering featurer similar for unsetter, more accompled domestic rervice.

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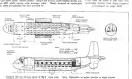




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MARKETING



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Surmary Report It includes some

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> Bamthorne Weekly Summary Report FLIGHT SALES READINGER, -194

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Figure 1 Transport of the State of the State

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Twenty Timber "Aircraft" Bearings equip the new Kellett XR-8 Hebespter-made for the U. S. Arrey Air Porcer-at tweaty Part of a series developed to seed the need of strendt engineers for an agri-fraction beneine with fighter weight and compact design, Tunken "Aicoraft" Bearings also assure maximem radial and threat lead-parrying capacity . . . respectively of operation . . . economical maintenance . . . and ease of operation . . .

as well as power conservation and endomance.

If the many matchins qualities of Thelesia Bearing desire for sirrout analysations can Company, Carton 6, Ohio,



AVIATION, Gooder, 1845

DESIGN ANALYSIS OF Messerschmitt Me-262 Jet Fighter

> PART I-THE AIRFRAME By JOHN FOSTER, JR., Managing Colon, "Academ

This first detailed engineering study of Germany's top (at propolled fighter-the 15th in our seriesreveals many unerthedex design and accutraction features and shows the importance of the produclies conjects in its development.

"s margan's more processors, see. If it 4m control leight it was need. backs this motion up, serving as a T propelled place, the Medick, or ex a fighter, Estate-bander, and



AVENTION, Onder, 1845



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AVIATION, October, 1845

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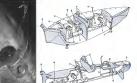
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tary in posteriors. Comrish hase har shaped vertical a others are of porvegational hasped construction with revmers and holos where necescontrol connections. Two strates opposed servingers are of the mans span, and one is given it and the sixulatory

This lister structure, set 85) is belied the main spar at the center. Fine, is 12 in deep at that point and is a charsed shaped ablicement structure with but shaped stiffeters, estending out to the viscolib in curry face and

The top size of the wing, varied from 165 at the lending odge to 6 at the trading odge to 8 at the trading odge of link rivertied expt at the base of the lending old where a in flunged out and revised the bottom surface. Here, however, priled (00 sheet seed seeds on need in place to give a true airful behalf in place to give a true airful behalf.

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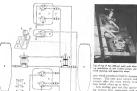
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at American-marrow impulse- 2 social-others. This assures is refer





Landina Analyses For Flying Boats and Seaplanes



By ERHEST G. STOUT, Staff Engineer in starge of Applications to Development Engineer Staff, Constituted Yalter Records Cosp.

"Must come down" gets the accept in the platitude about "grangthise that each an -- and with morine aircraft on cutra accord in warranted. For, teken alone, setisfactory static and taken charactoristic dea's tell the whele story of a new place design . . . First of a series analysisa reach water, impact, and chinates factors.

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DESIGNING TOMORROW'S PERSONAL PLANE

By RALPH UPSON, Consider Section Here is a stembursten, fact, but and enalysis of the sacrifices that must be made—and the research to be desc-in creating the muchdiscussed but still clasive rendeble girplane,

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The Rendeble Airplant

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A Book Speeding Alestenen, by R. G.

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AVIATION, Debtes, 1940

DESIGN YOUR PRODUCT FOR EFFICIENT SERVICING

By DWIGHT A. WRIGLEY.

Applyting reasons why economical sarvicing can best be obtained when design for service is at all times beat forement in the mind

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which he can choose-service-initials associate available party. Since the

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AVIATION, Quies, 1945



What Factors Most to Considered?

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Self-Contained Subassemblies Feature B-29 Four-Gun Turret

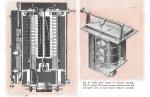
By P. S. HUMPHREY, Assessed & Mason Depressing Serious,

Concludias his recoglise port-businest about at GE's francours ples turnet. Author Humphrey gives details of the our charger. compressed air, collector, and fire leterrupter units, then describes how the completed tour-ear assembly is installed on

When the firms towers is closed, the

a pressure doto from 1,000 and to 500

as the avenue drops below 1,000 per-







ATTATION, Guides, 1942

Floating Piston Equalizer Coordinates Hydraulic Cylinders

By ALVIN A. MEDDOCK, Audio for Burds Assess Com-By equaliting action of pairs of hydraulic pistons within close limits, cheale device excists served energies under diverse beeds

others. To prevent difficulties or acciproped pendator was treed, but deflercoces in lethner varied the planter speed of the hydrandic cylinders. Due Family, a finding pates type of

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PLANT PRACTICE HIGHLIGHTS

Nick College Stices

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MORE OUTPUT BETTER FINISH

when you use cutting



fluids that ...

- * Lubricate the tools
- * Assure higher speeds and foeds

RECORVERSION RUSTPROOFING

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To our all these benefits, use 1. Onlyocar Specification 2, 5 ods in one of the world's largest

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135 F. Grel St., New York U. N. V.

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MAINTENANCE

CORRECT SERVICING DETERMINES DEJICER FEFICIENCY

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AVEAUTON, Ornber, 1945

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AVIATION, October, 3940











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AVIATION, October, 1945

Manager Company



Agren Accidents Prevented

By This Non-Shid Leddor





AVIATION'S MAINTENANCE NOTEBOOK

Enses Wheel Servicing



Breke Disks Ground Is One-Fourth Time









**To private jonge robber eatings from accumulating on luminous whole and historing wieldade out of from A. R. Dote or Douglat strends analost suspens to show both wheels wheely serving agratuates and cleaning many and channaling disapper of new handlings. Desire primate returns of our offshirm to make a single private returns of our offshirm comments.





Besily-Moved Basch Carries Teel Bases

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HE GAVE WINGS TO THE STEEL BUSINESS

By EDWARD F. THORP Assess 640- Assess

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ATTON, October, 1862



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CSA'S RECIPE For Flight School Success

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POWERS BY LYCOMING -- THE ENGINE WITH A PROVIN PAST AND A SINE TURNS

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NAZI IFT-BATS WHICH NEVER TOOK WING

By ERWIN J. BULBAN, Introde Assess, "Assesse"

These two- end three-place high performance twin-jet fighter craft were declared as Hitler hans for renalalisa air sarramary. Among nevel devices pleased were use of leading often floor and combinetion allegest and absentage

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REPUBLIC RAINBOW New Global-Transport Bid

New 400-sept.-plus 40-sept ereft pleaned as de luxe carrier for land ranse operations. Interesting feature at high-powered transport





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Mammoth Hughes H-4 Nears Takeoff Line

First structural details on what is slated to be world's largest

all-wood fiving boet treighter. In addition to solving craft's unique

contraction problems, company's conjecers have at same time

introduced several innovations in central systems.

Three different proce of your class

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Radical Hull Design Tried Out In Blackburn B-20

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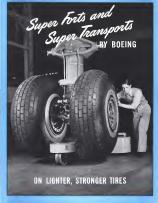
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AVIATION, Onder,



BOEING BUILDS TOMORROW'S



-the plane that delivered the atomic bomb to like-abless and to Narasake, struck the last bloom of war.

Prophetically, Boeing had this to say about the Superfortress months ago, "Helf sesin as large as the big Flying Fortress, the Superfortress is the first nirolane combining great size, great rance and lead correins canacity with the speed of a nursuit ship. It carries a heavier bomb load further, faster and

ever known. Upon the Superfectness rests in large part the hope of early victory in the Pacific." From the Superfortress and the Flying Fortress before it, from a long line of Rosing aircraft for neare and war. stemmed the engineering advances which lead Boring on to the supersirliners of torsorrow

SUPER AIRLINERS TODAY ...

The Booing Stratograiner is a flying simplane which has been tosted and proved. The "burn" have been eliminated through exhaustive tests eyes. After the C-97 few arrow, the continent feater than had any other strengt regardless of requiring maintenance attention for a single Through nearly three decades, Boeing has excsistently pioneural simifount permanatical advancements. Beeing developed and produced such outstanding four-engine sircraft as the Phycar Fortress, the transposers Change and the Stratelleer, This background enabled Booing to revolute the Superference the CARL-and your the Stratograiner, a postwar airliner that will have a great effect on percetime sir temsportation,



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UNITED STATES RUBBER COMPANY

TRANSPORT

BEATING THE FIRE HAZARD*

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By DIXON SPEAS, Assets to You Assets A Performance and MARVIN WHITLOCK, Chaf About Expert, Assessed Arthur Here are bealt principles needing universal enderstanding to premete sefety is aircraft operation—selety which must start with isitial decign and costisse through modification and operation.

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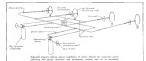
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THE CASE AGAINST REGULATORY INTEGRATION

By JOHN H. FREDERICK Parkette to three soon that all Professor of Encaparteties & Industry, Enimerate of States

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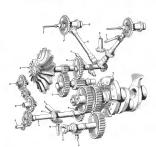
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SAVES WEIGHT and SPACE

AVIATION, October, 1962

AVIATION'S DESIGN DETAIL



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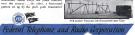


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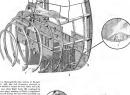
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Newark I, N. I







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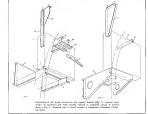
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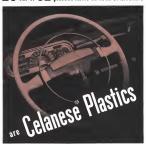
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AVIATION, October, 1945

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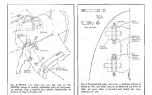
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SIR GEORGE CAYLEY'S STRANGE HELICOPTER



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AVIATION'S DATA BOOK

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BY BLAIME STREELEMENT

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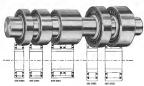
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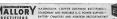






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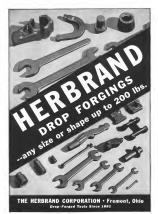
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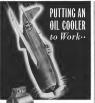
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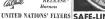
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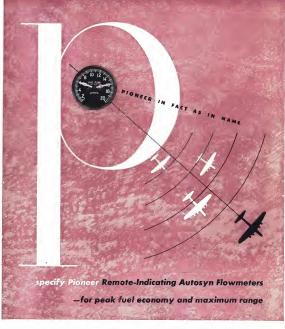


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